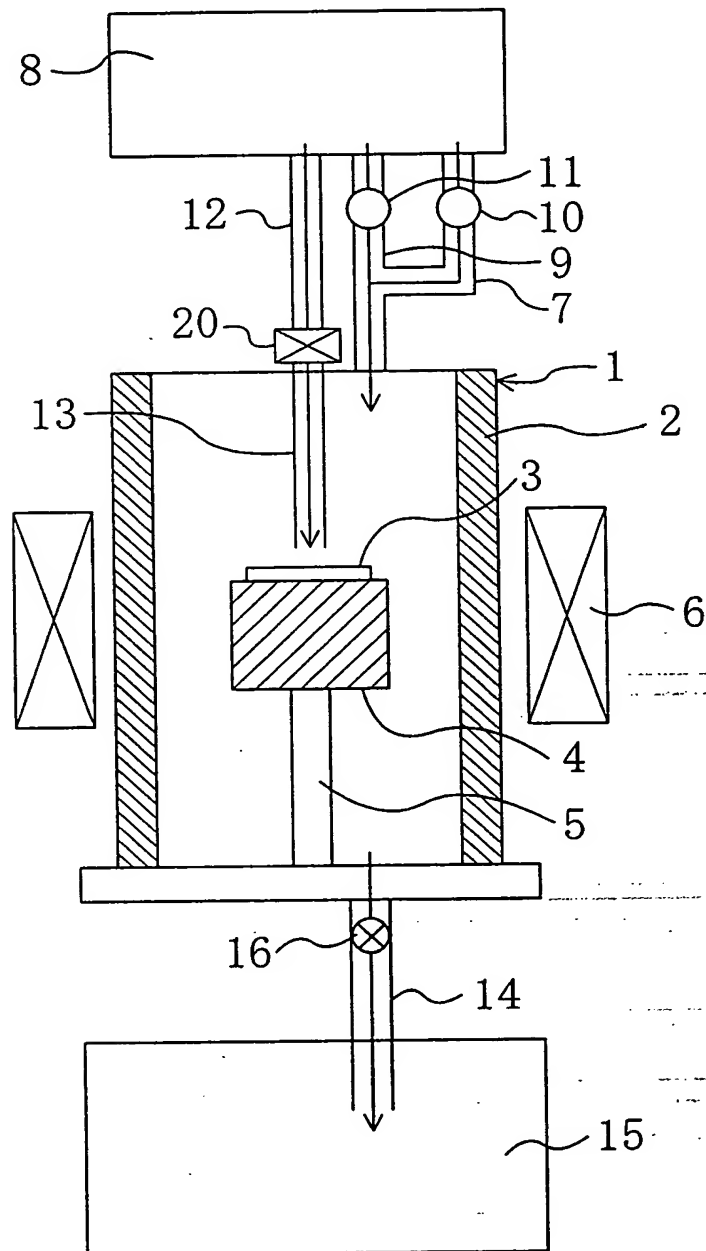
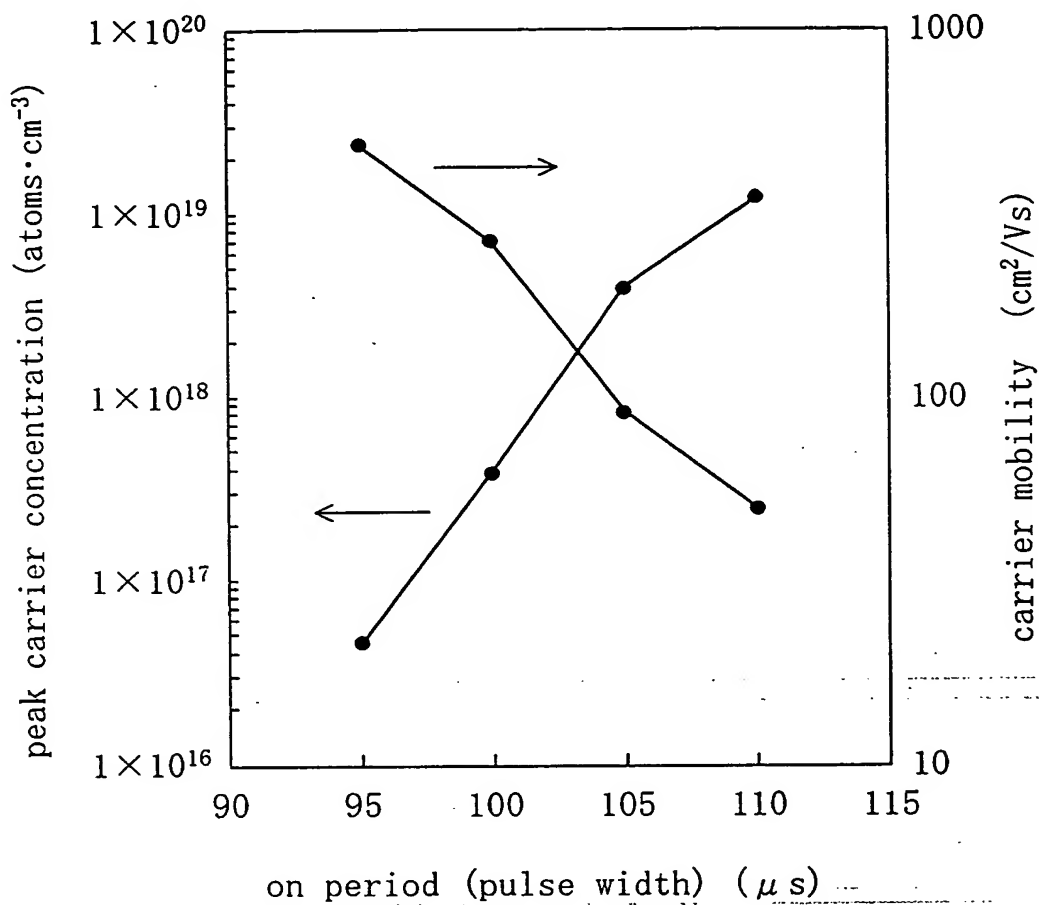


FIG. 1

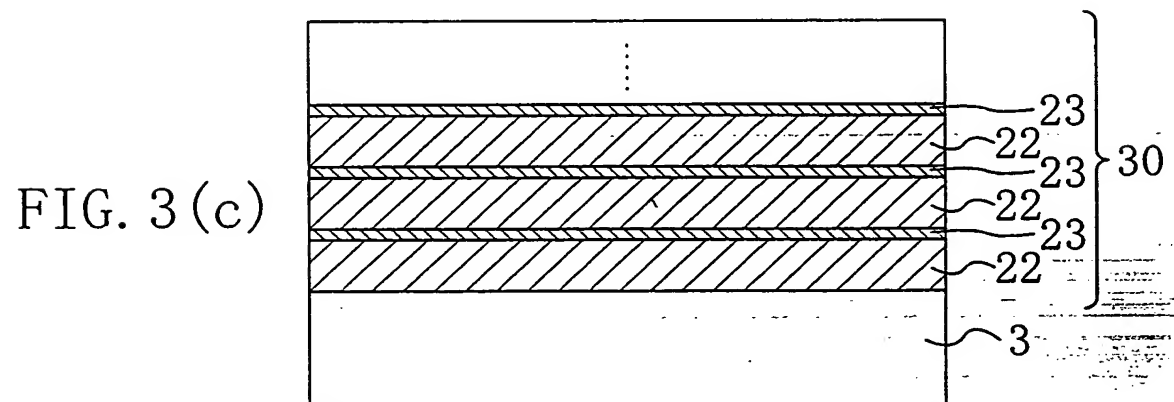
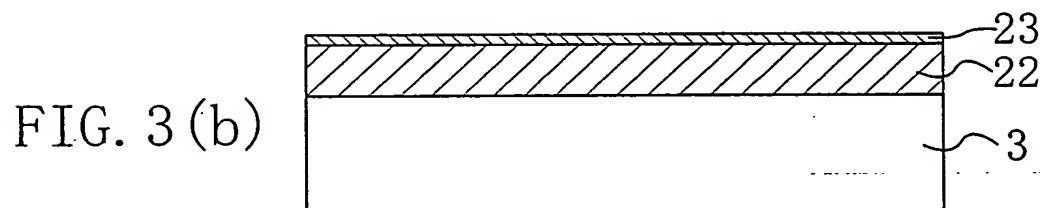
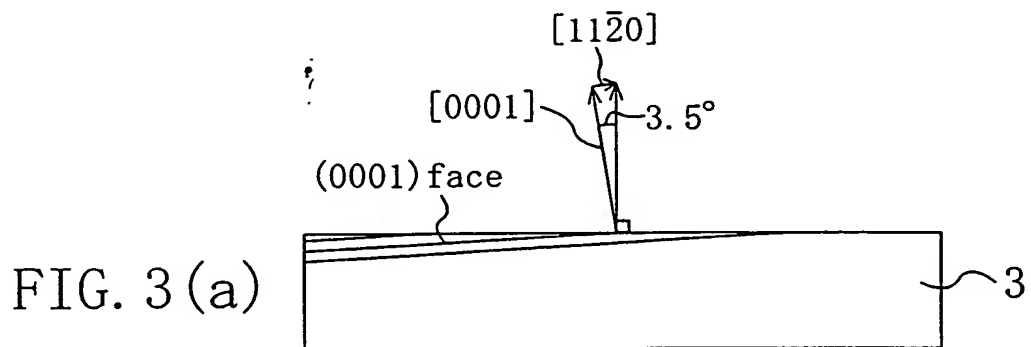


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FIG. 2

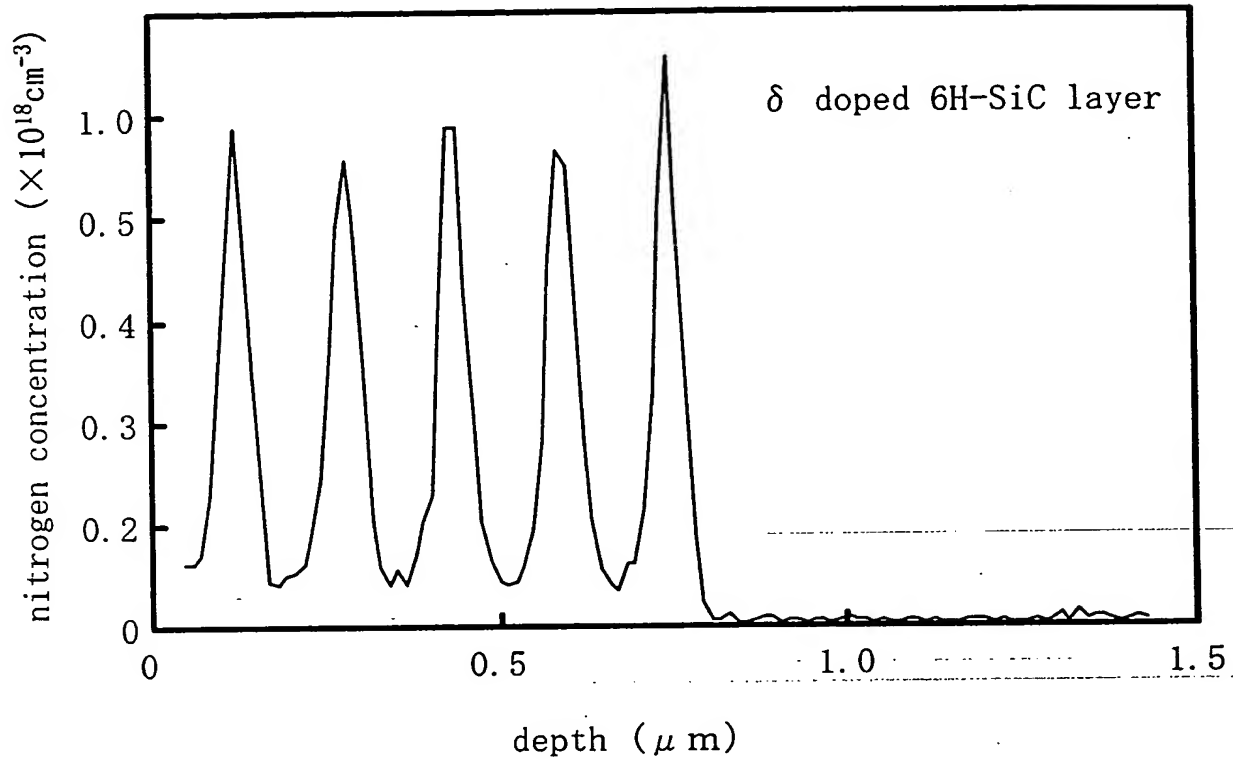


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FIG. 4



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FIG. 5(a)

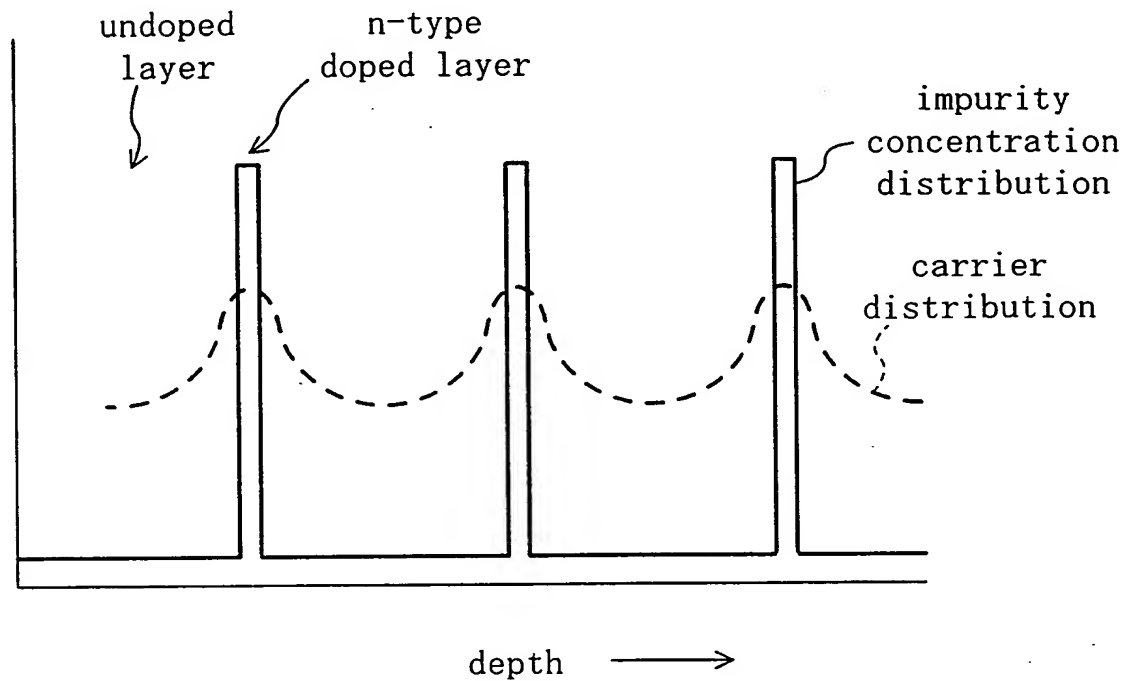
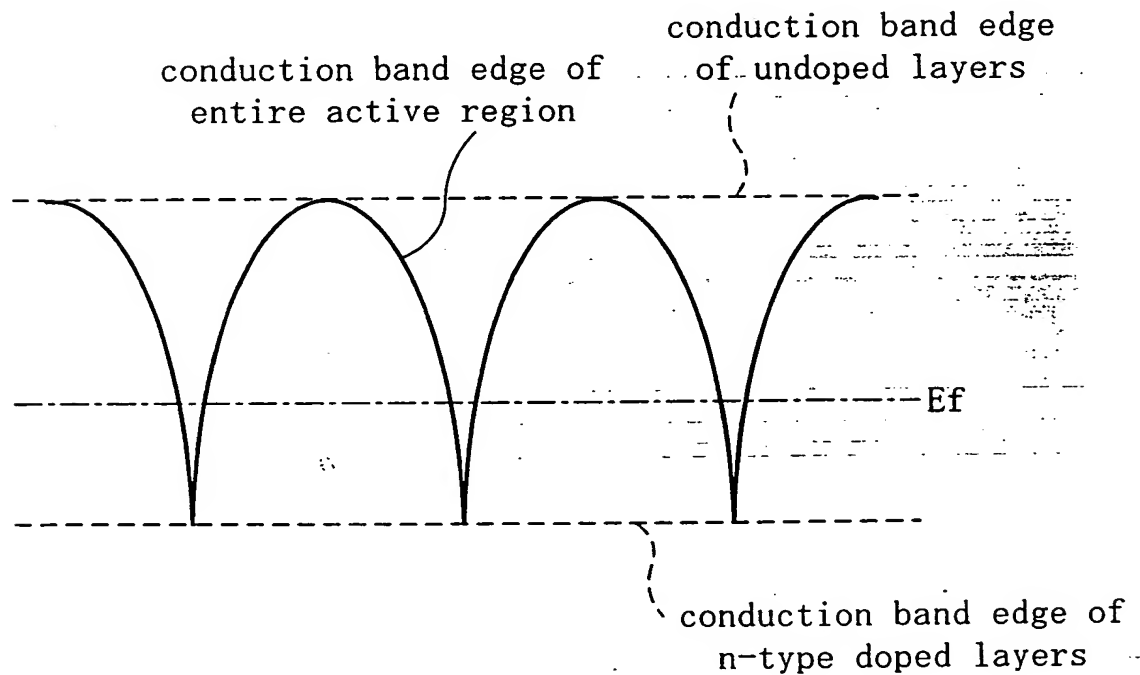
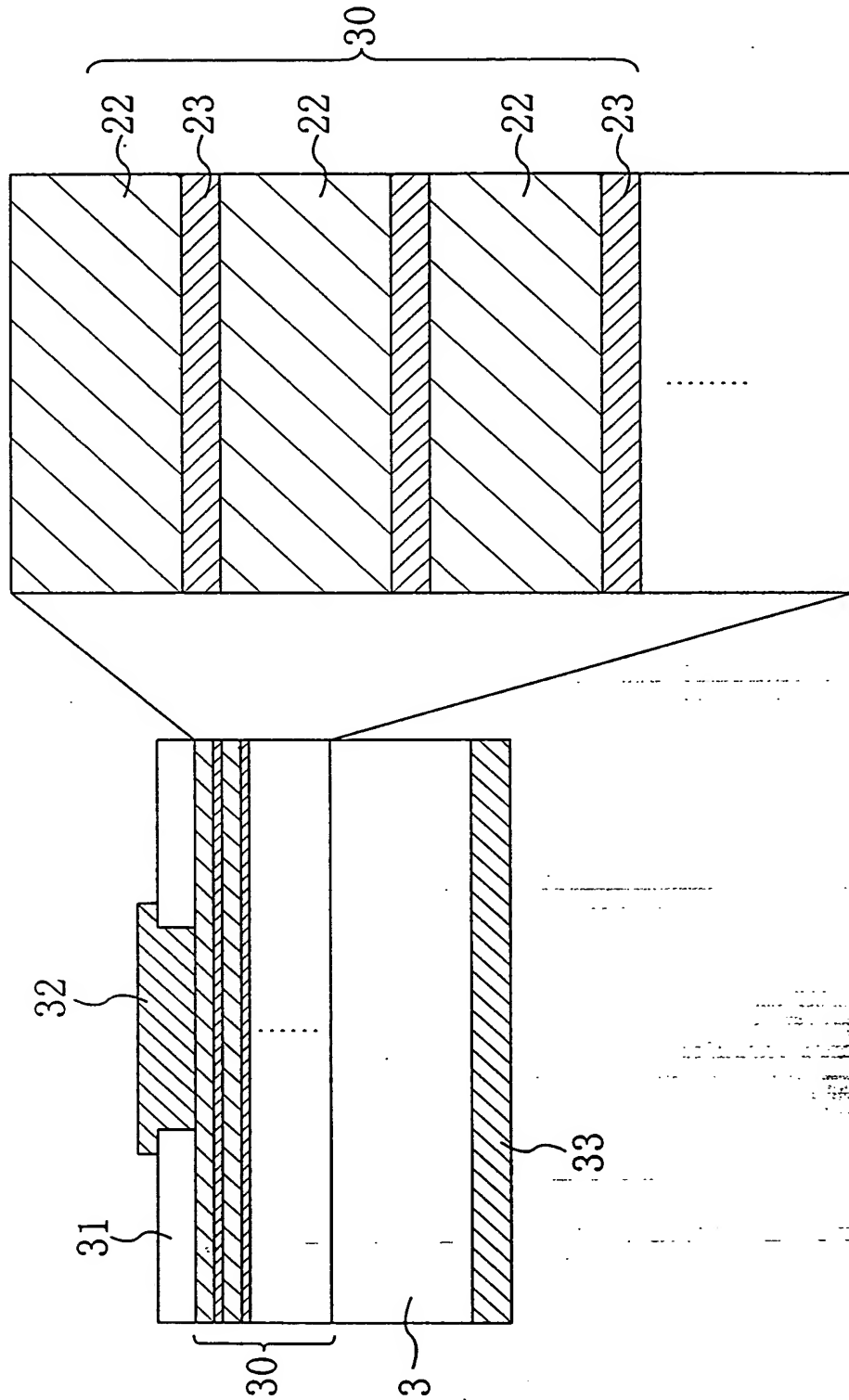


FIG. 5(b)



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FIG. 6



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FIG. 7 (a)

second embodiment

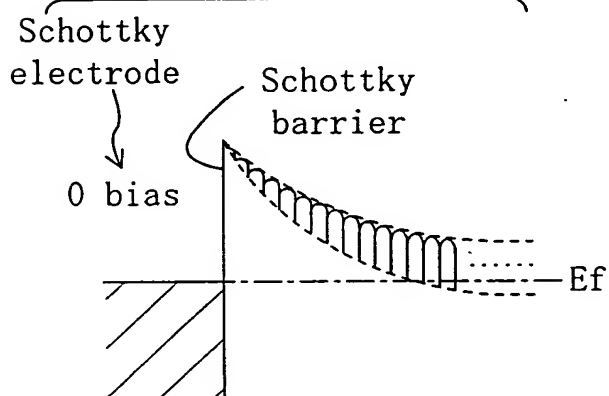


FIG. 7 (a2)

conventional example

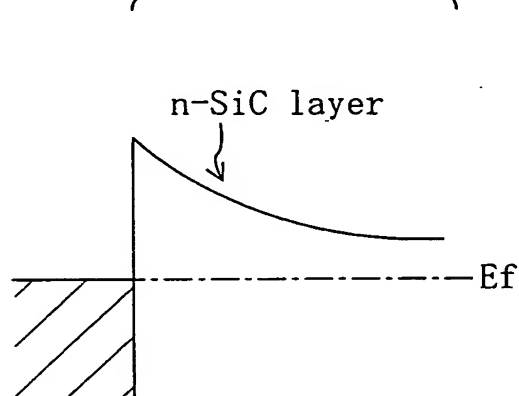


FIG. 7 (b1)

forward bias

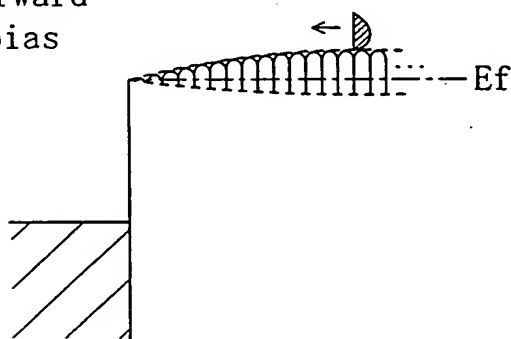


FIG. 7 (b2)

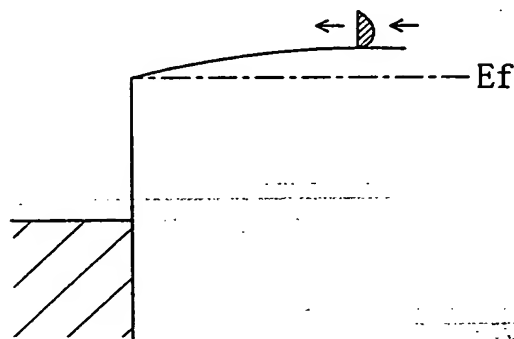


FIG. 7 (c1)

reverse bias

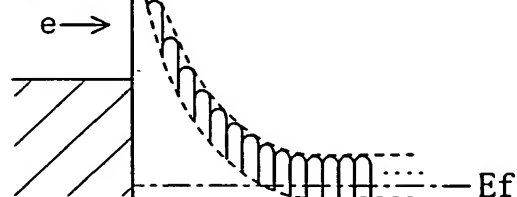
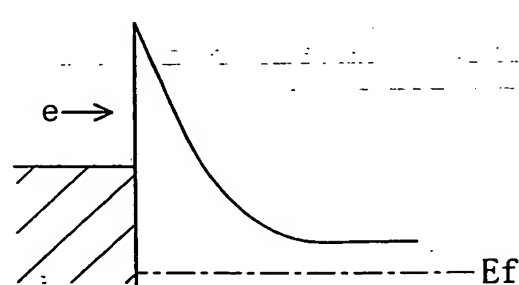
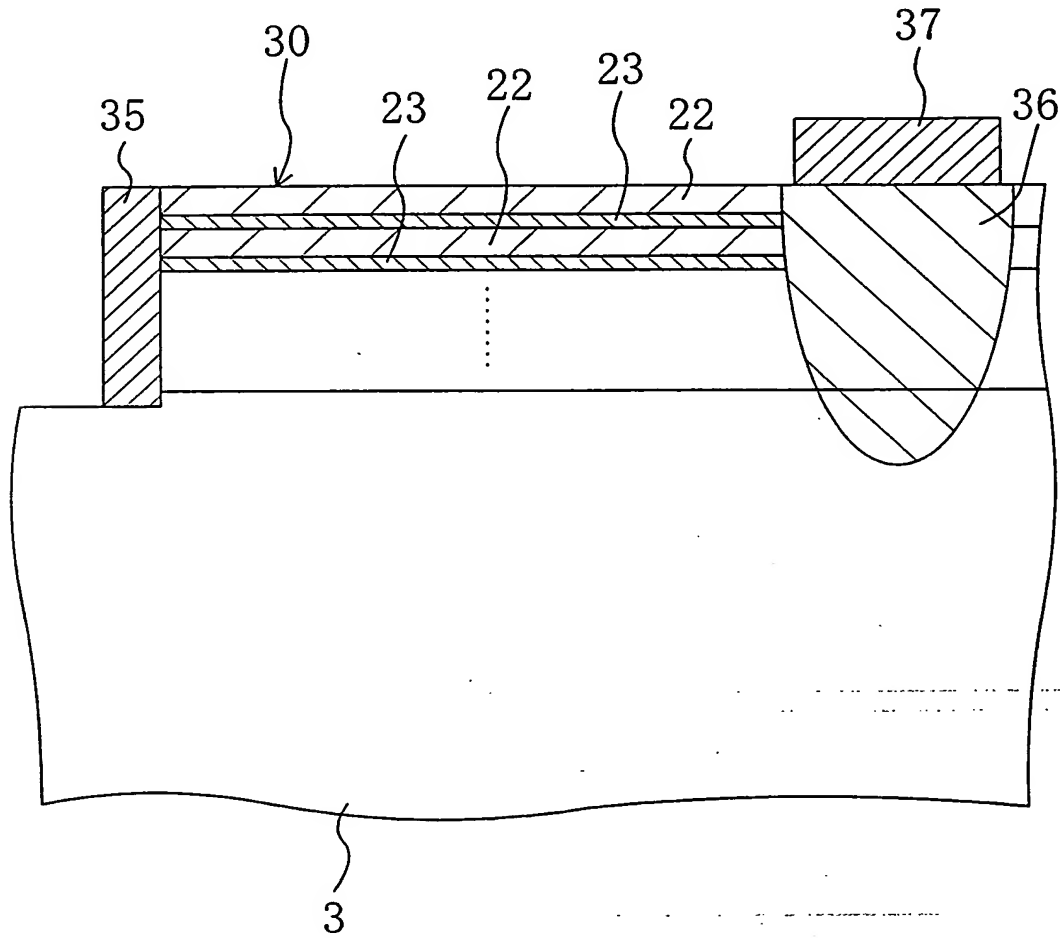


FIG. 7 (c2)



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FIG. 8



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FIG. 9(a1)

FIG. 9(a2)

FIG. 9(a3)

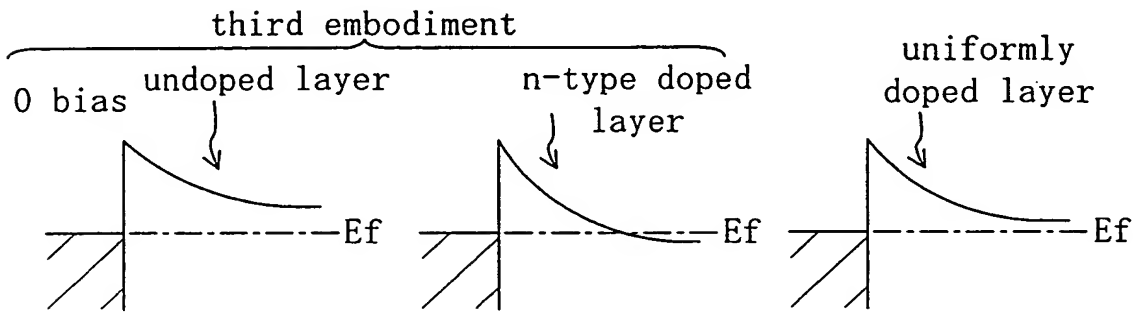


FIG. 9(b1)

FIG. 9(b2)

FIG. 9(b3)

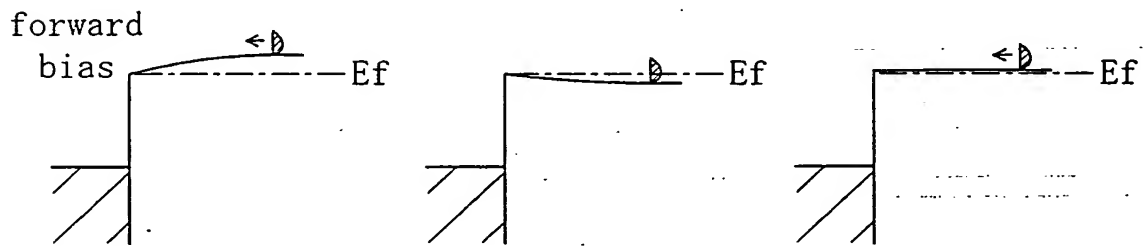
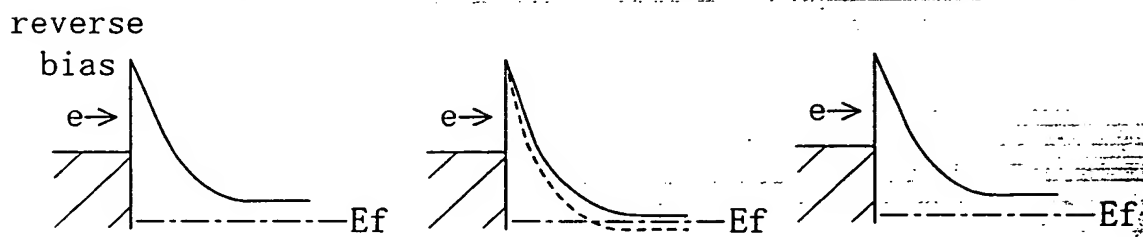


FIG. 9(c1)

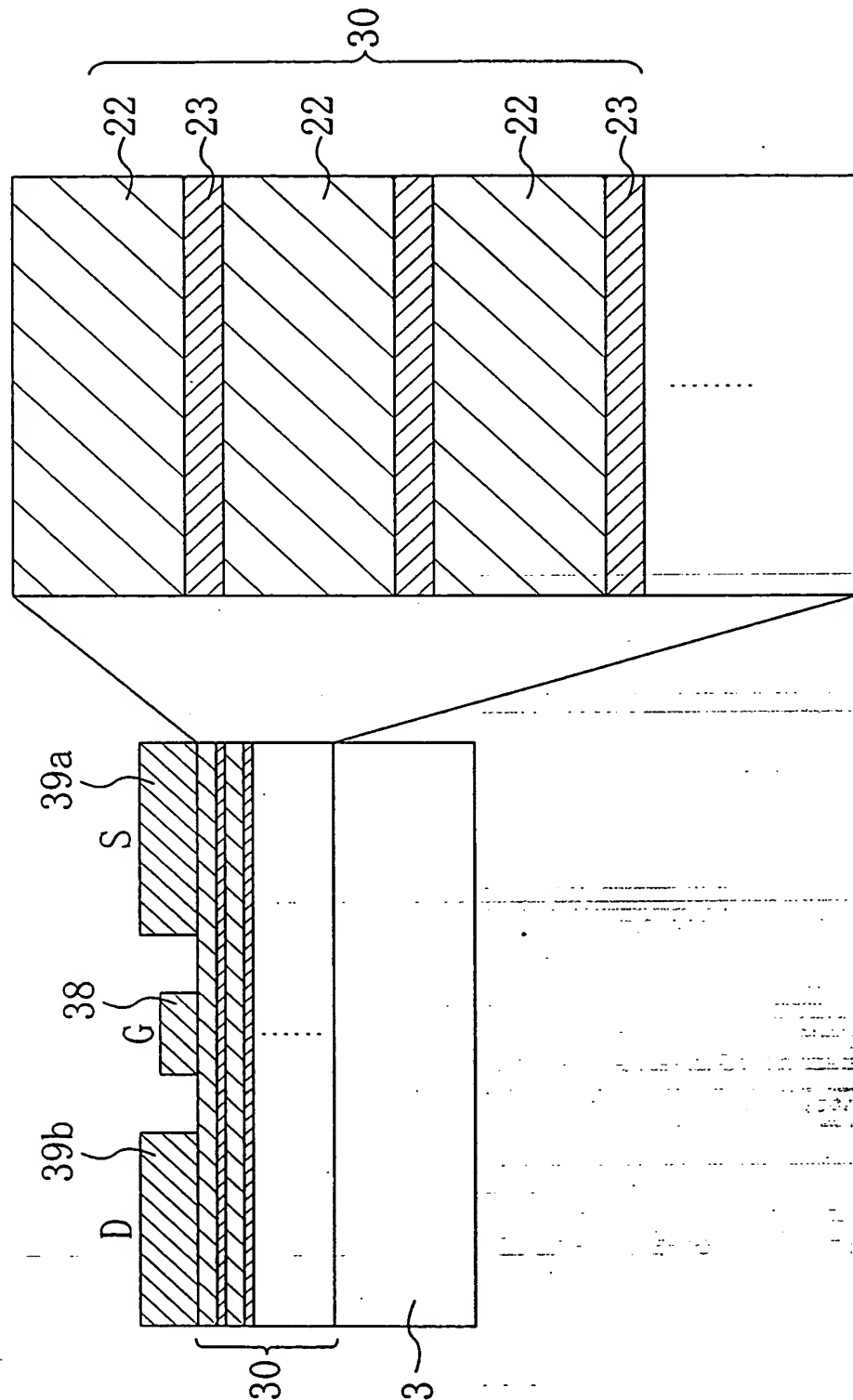
FIG. 9(c2)

FIG. 9(c3)



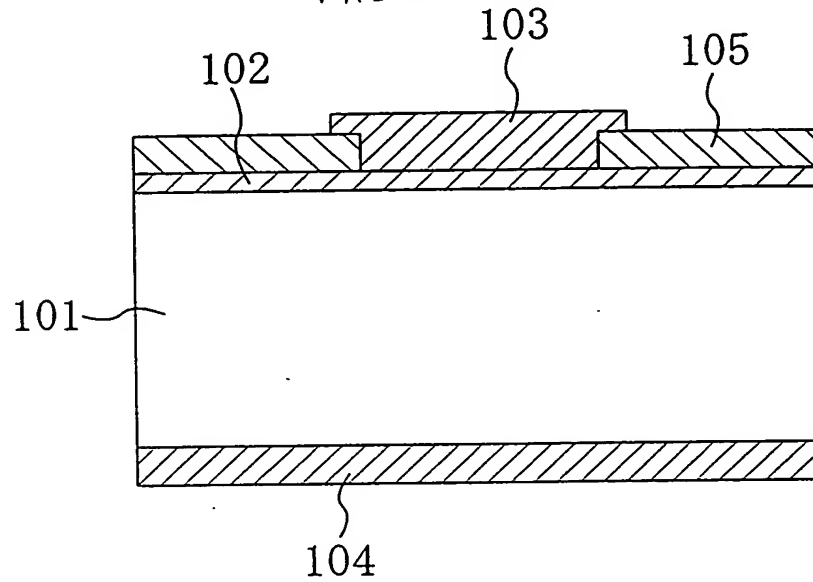
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FIG. 10



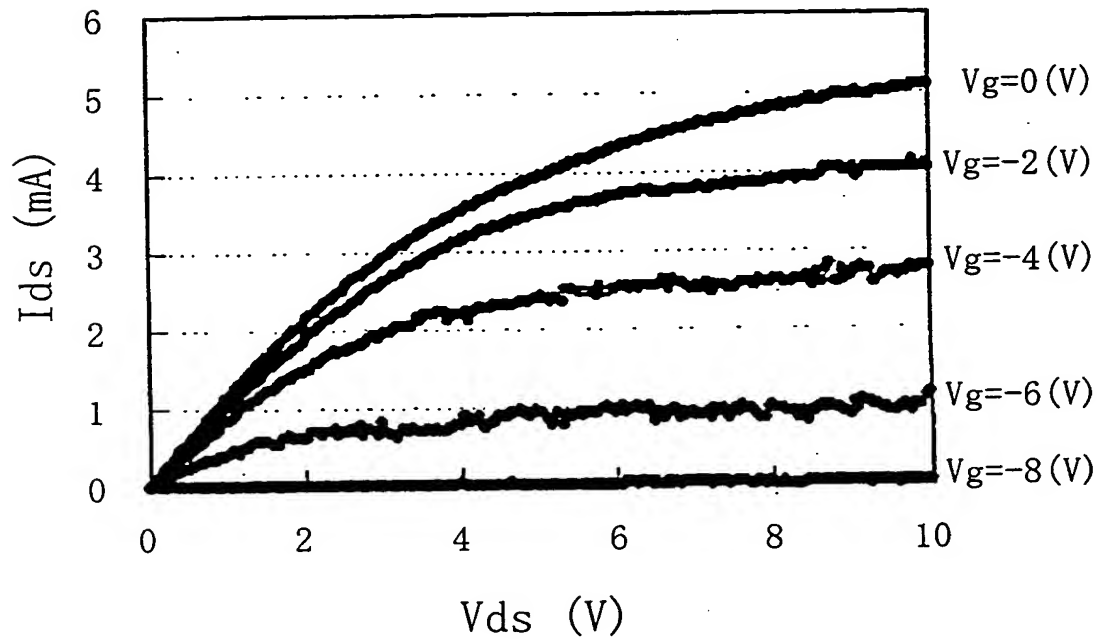
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FIG. 11
PRIOR ART



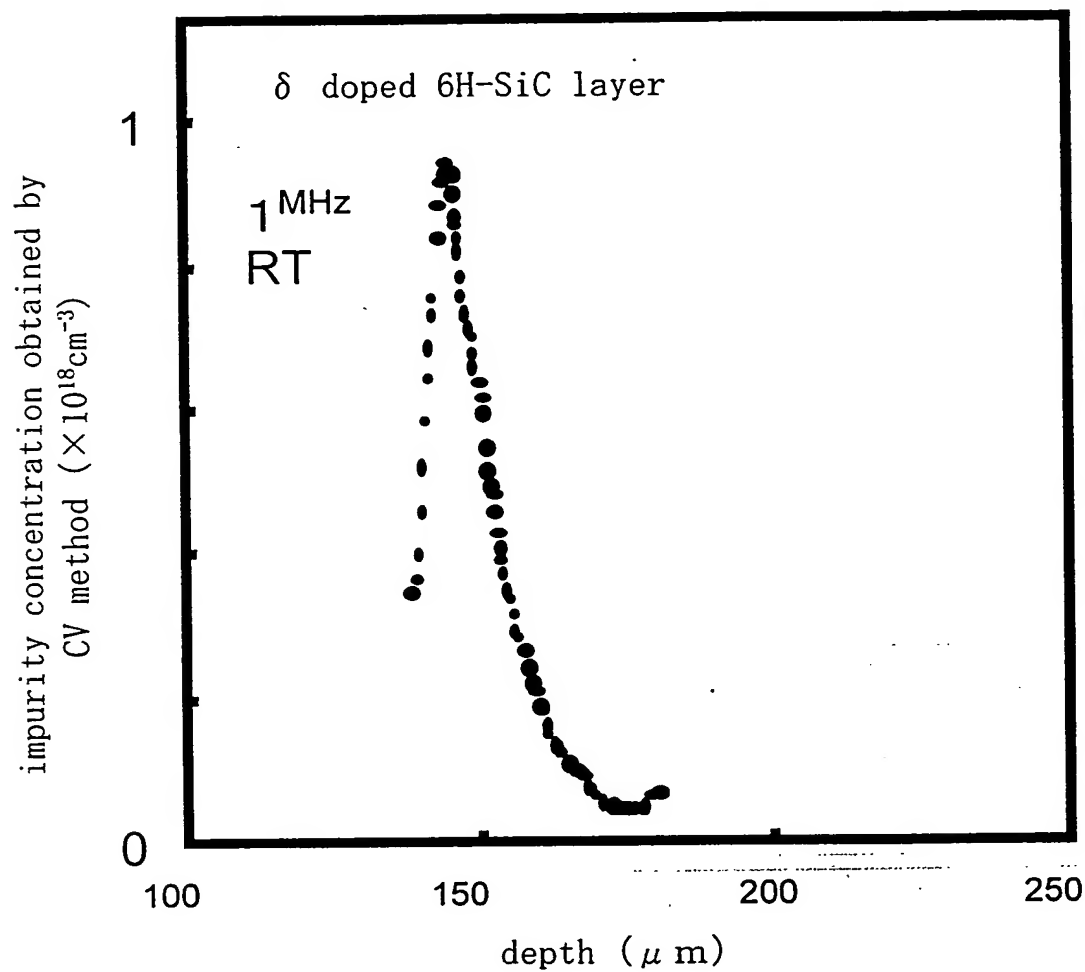
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FIG. 12



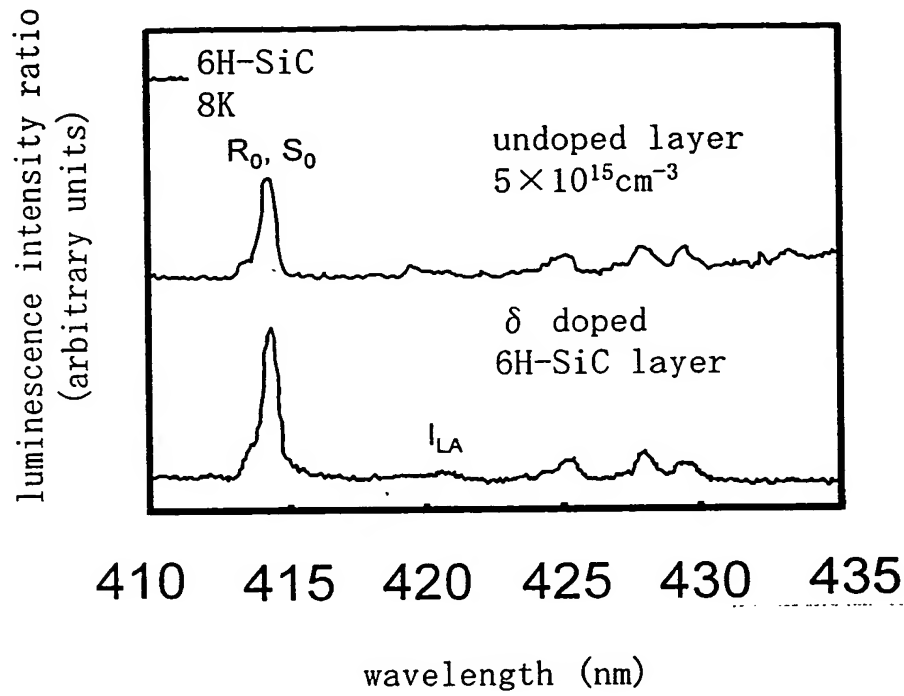
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FIG. 13



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FIG. 14



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FIG. 15(a)

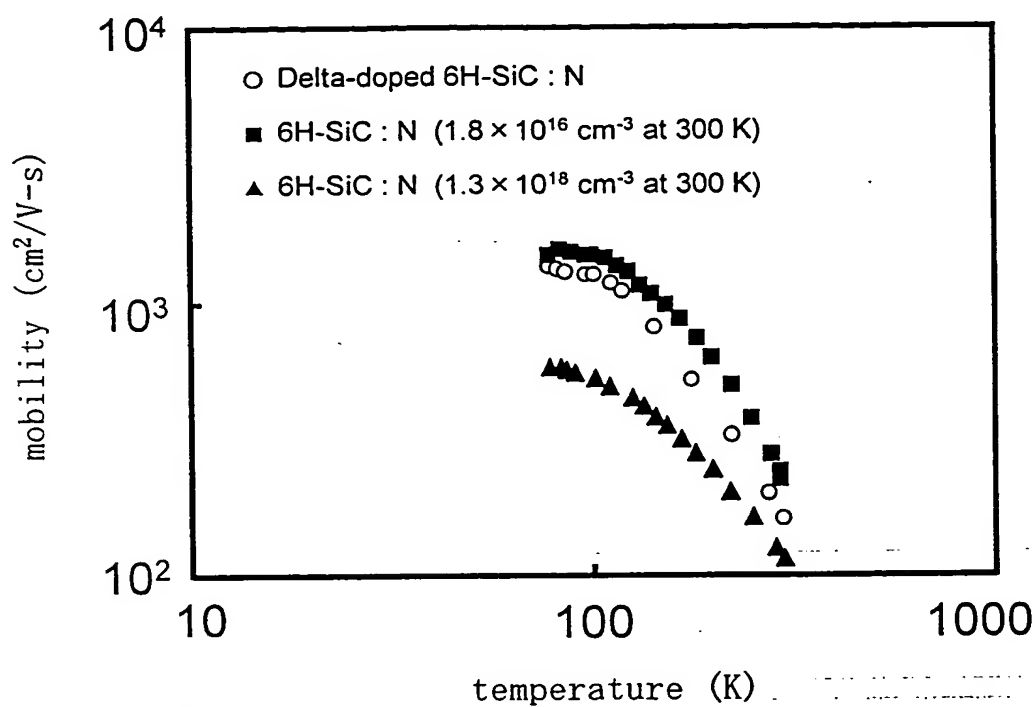
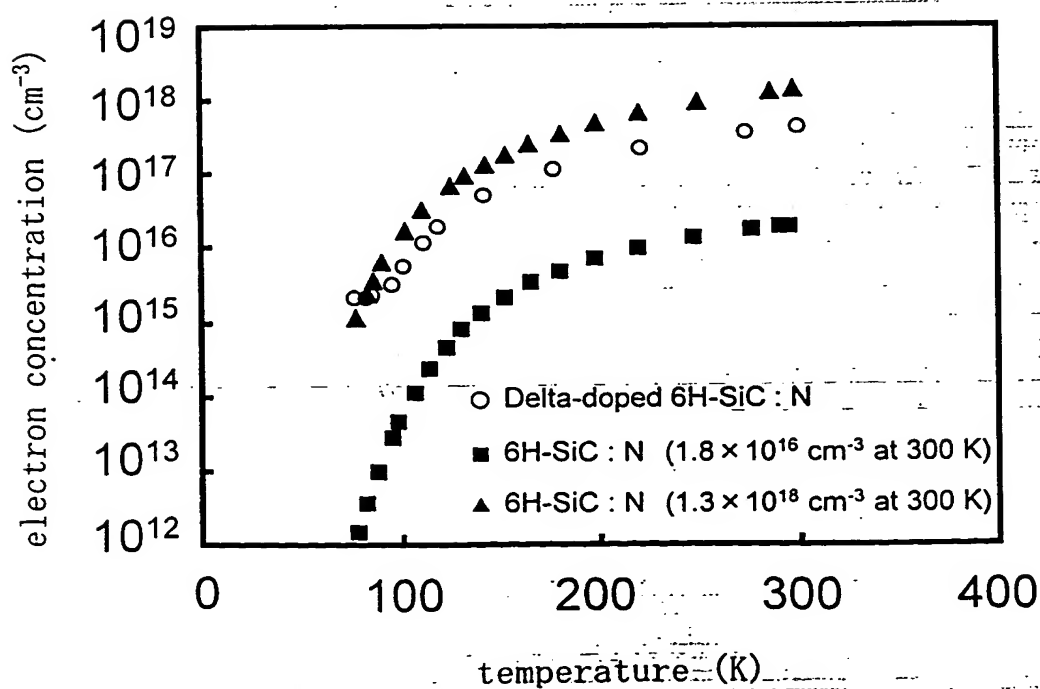
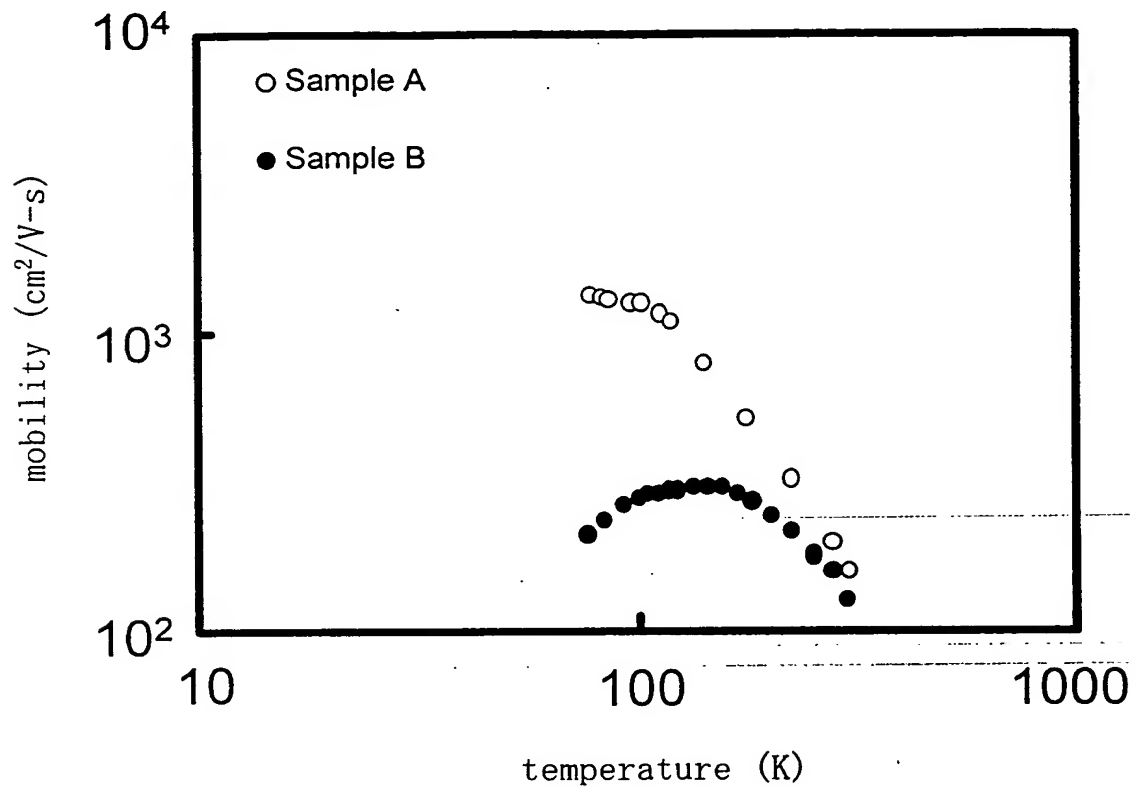


FIG. 15(b)



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FIG. 16



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FIG. 17(a)

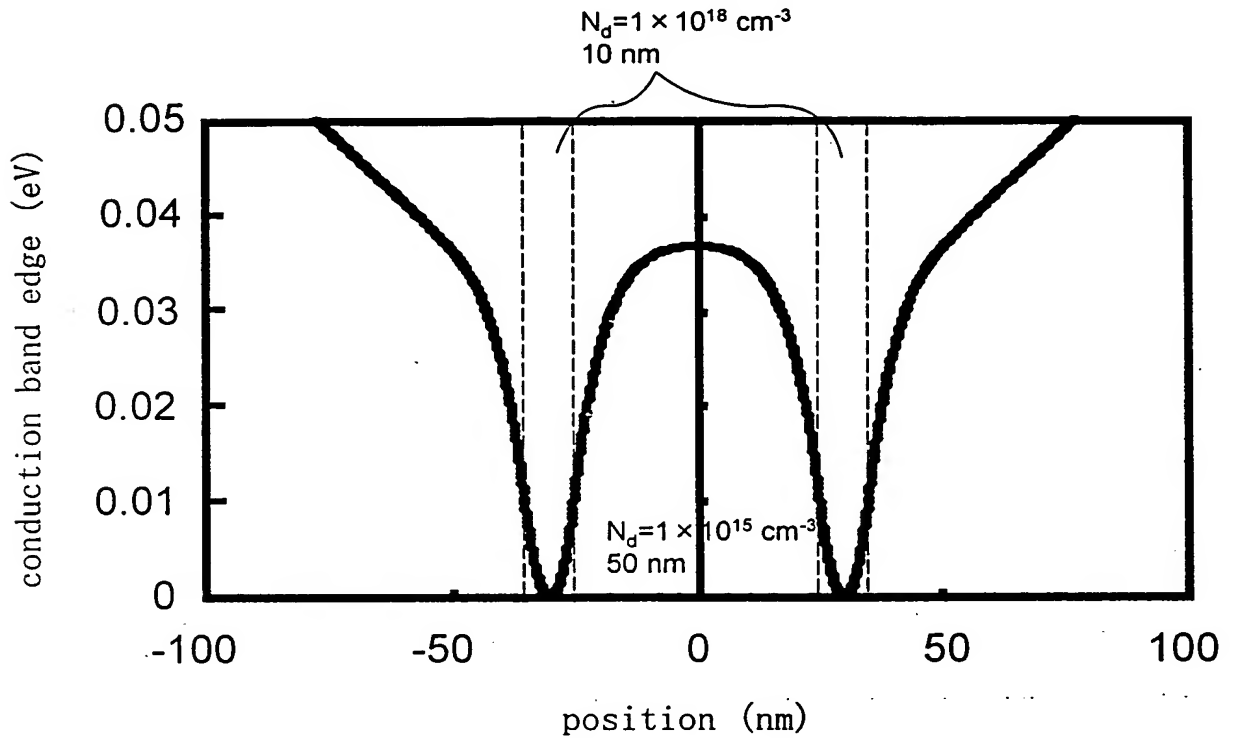
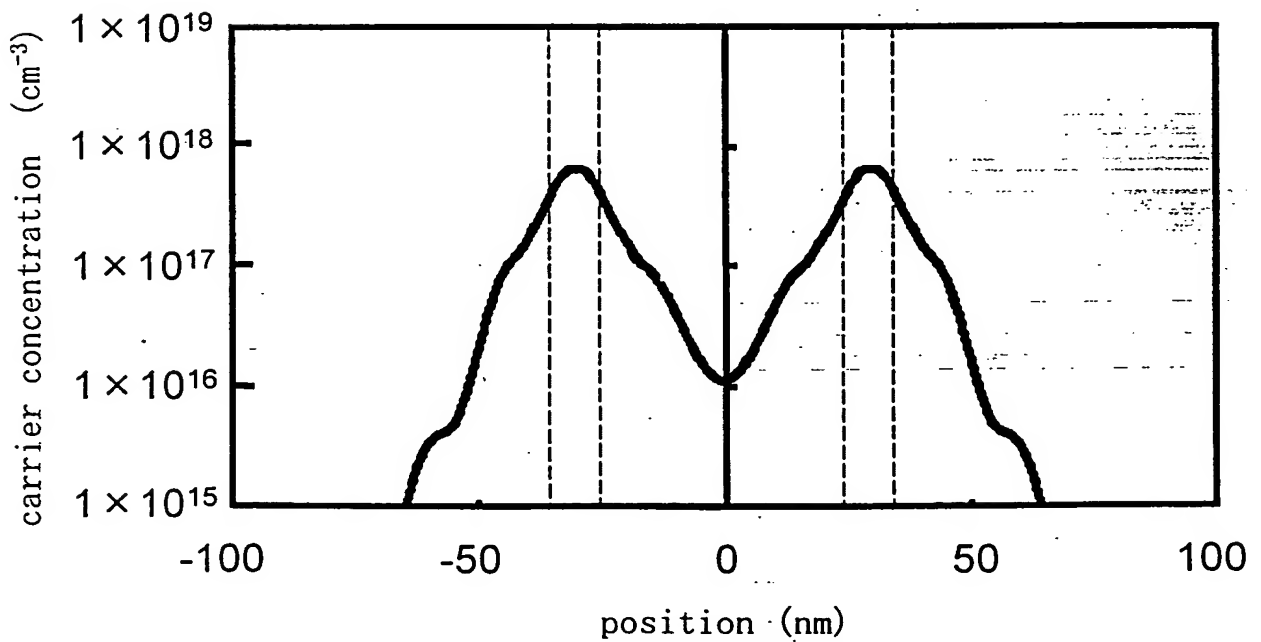


FIG. 17(b)



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FIG. 18(a)

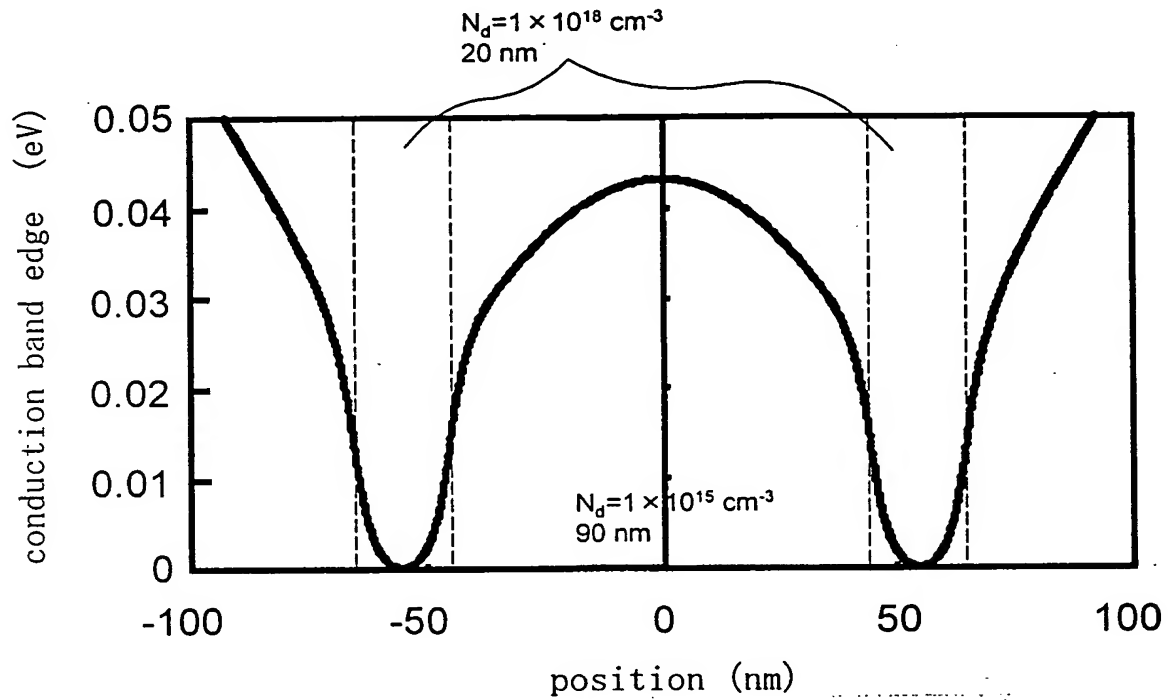
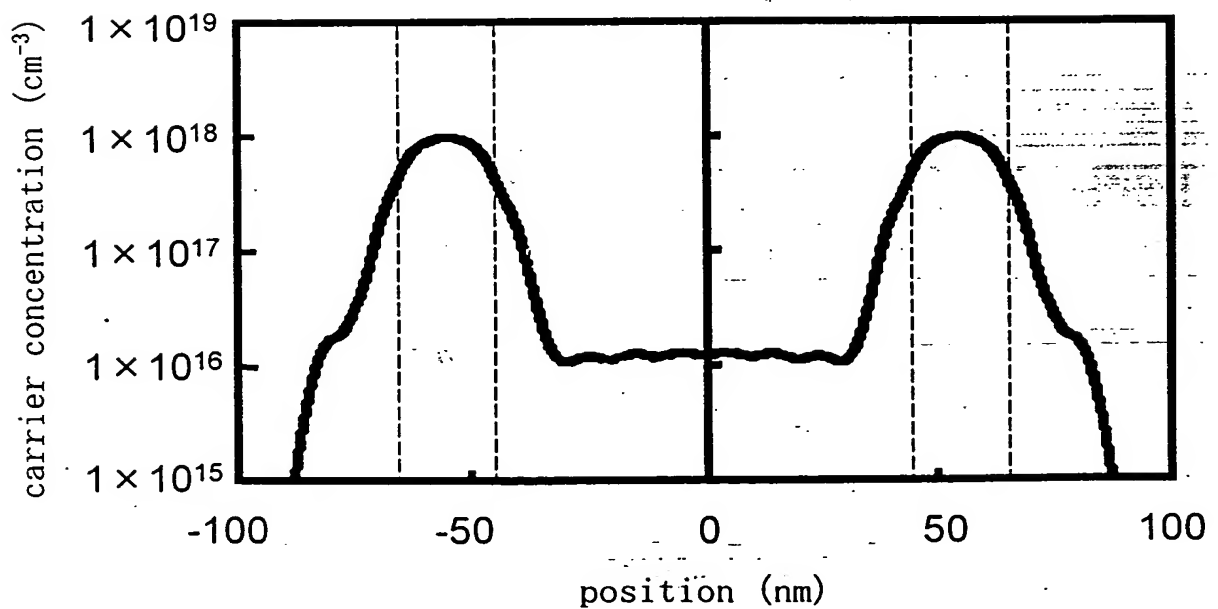
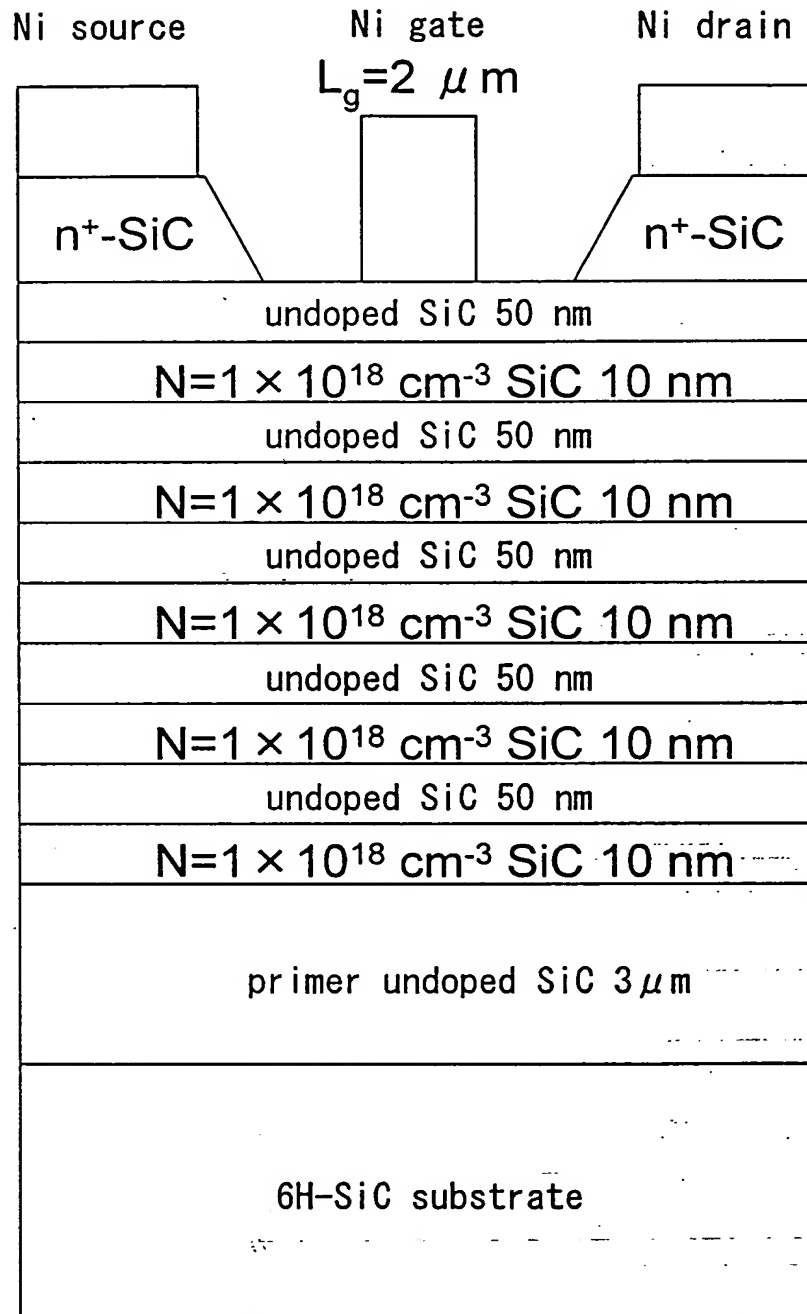


FIG. 18(b)



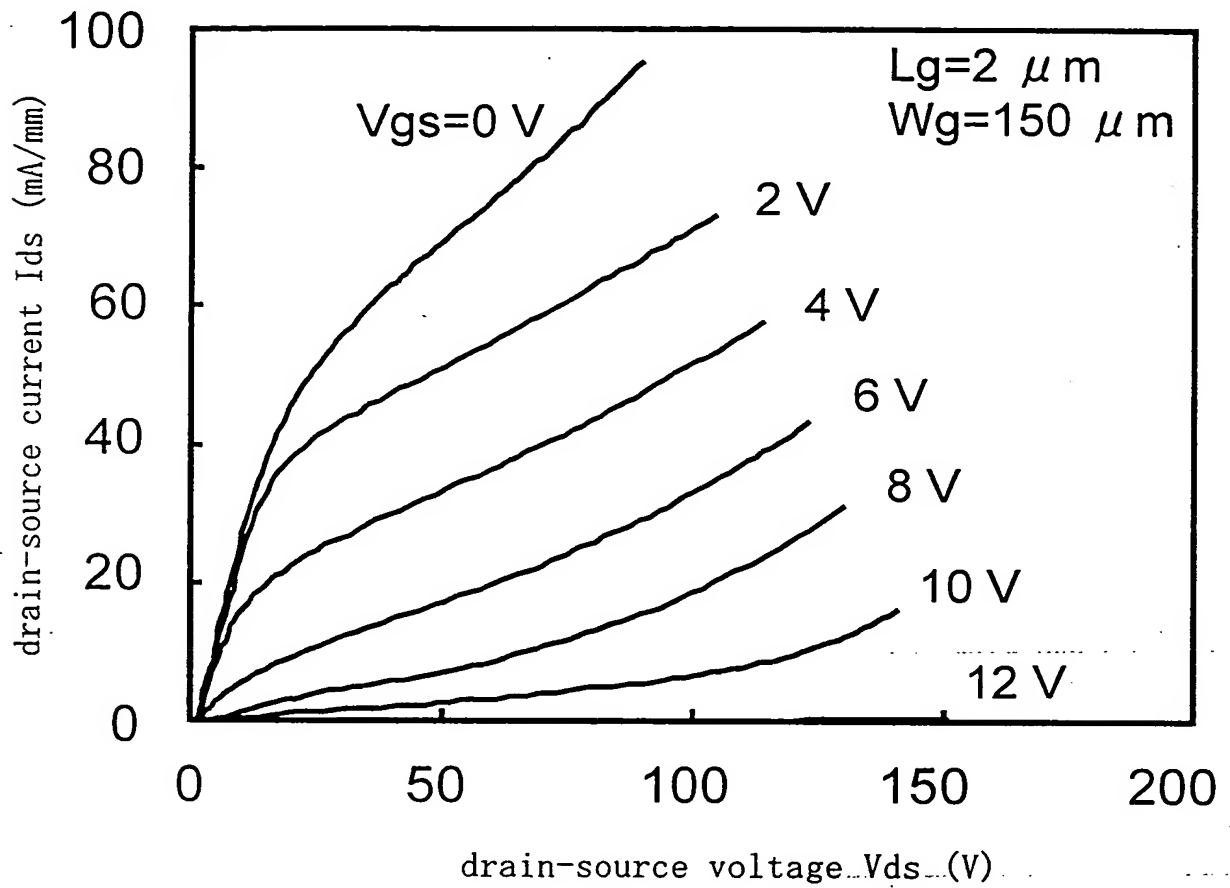
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FIG. 19



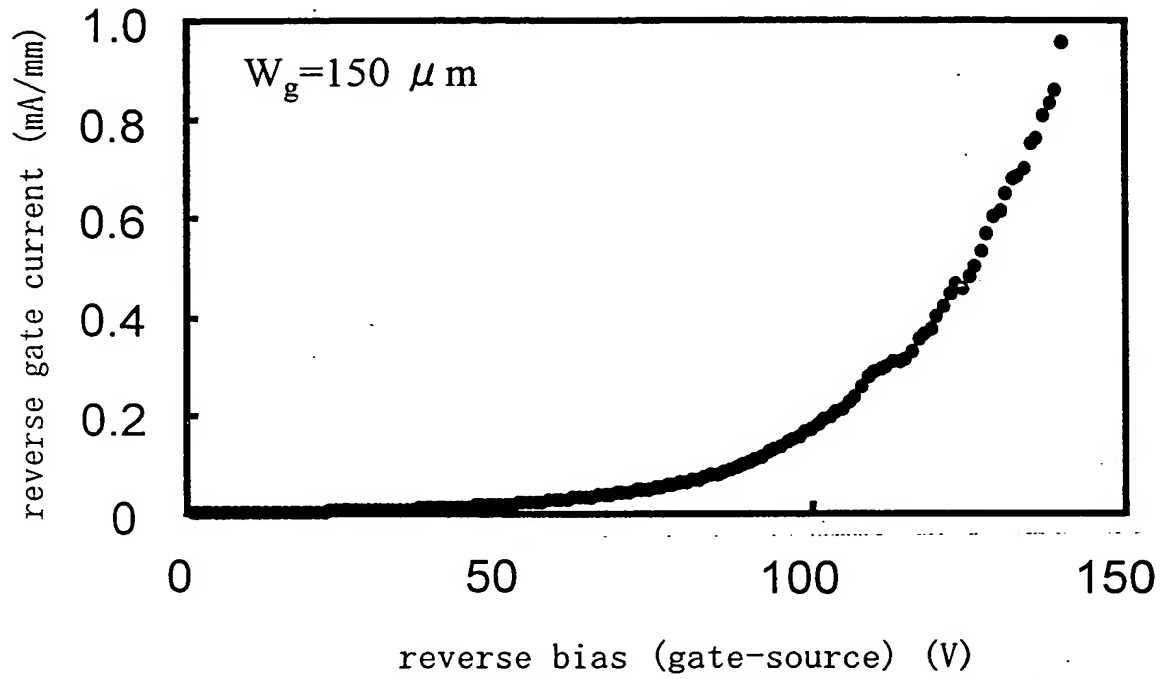
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FIG. 20



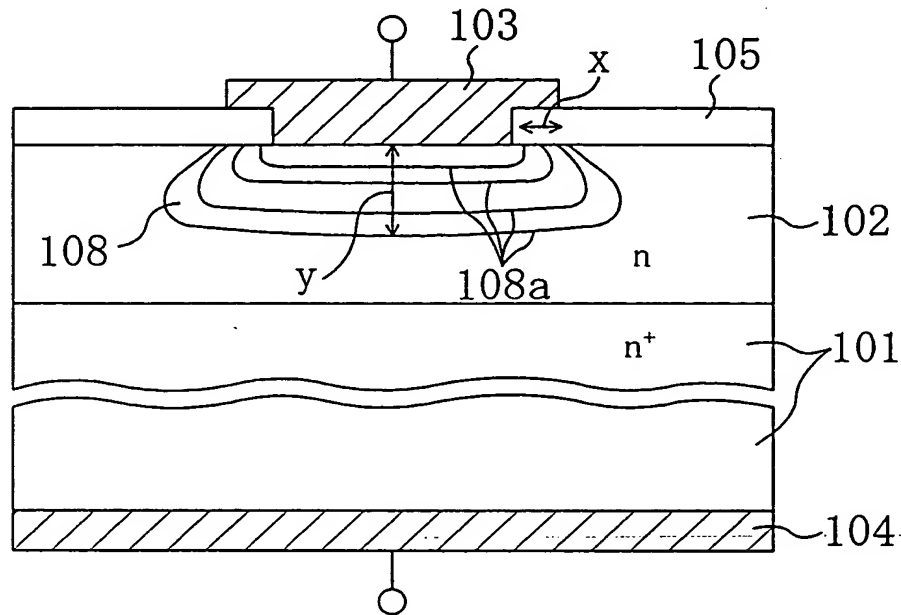
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FIG. 21



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FIG. 22



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FIG. 23

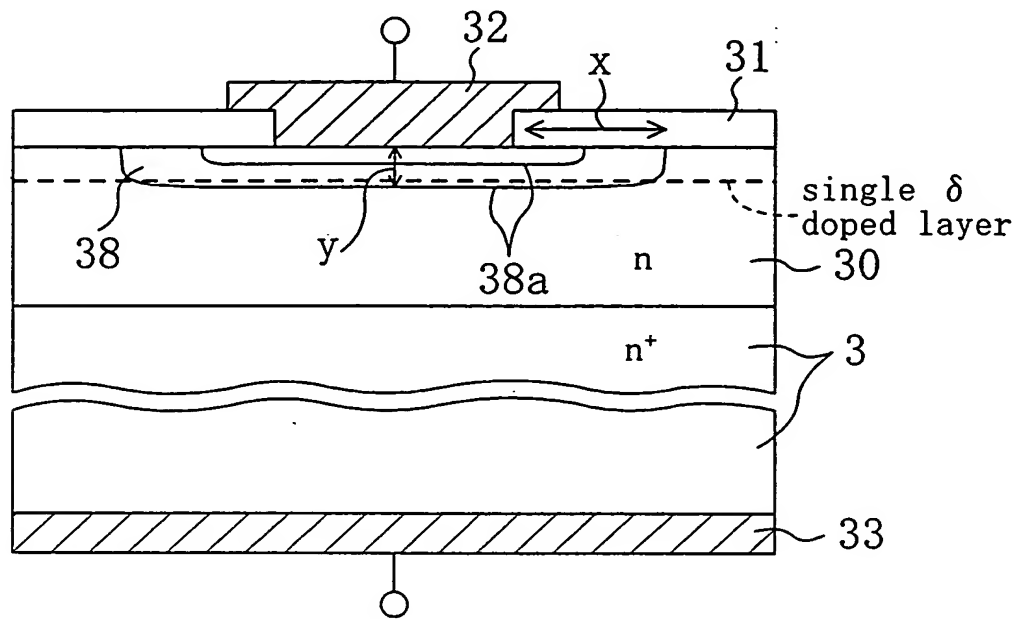


FIG. 24

